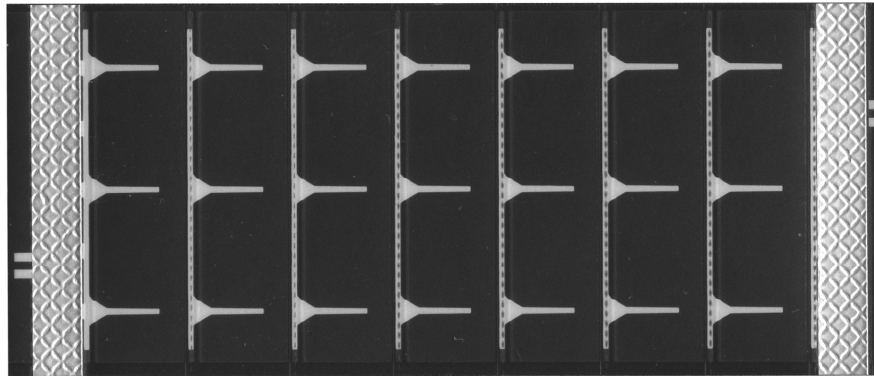
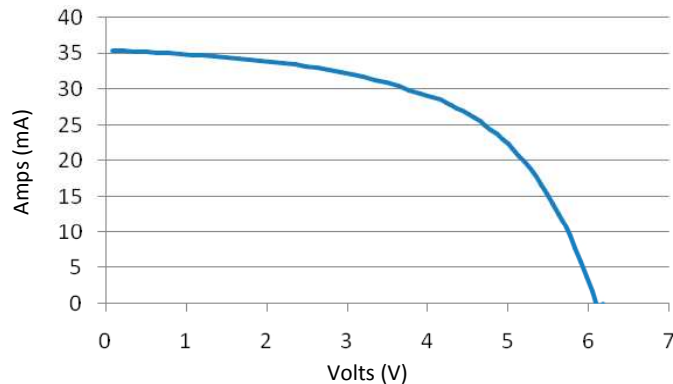


# SP4.2-37



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100% Sun - \*\*STC, AM 1.5



## ELECTRICAL

PARAMETER	VALUE	UNIT
Wattage	0.0924	W
Voltage	4.2	V
Voltage (oc)	5.9	V
Current	22	mA
Current (sc)	30	mA

## MECHANICAL

PARAMETER	VALUE	UNIT
Height	0.2 (8)	mm (mils)
Length x Width	37 x 84 (1.5 x 3.3 )	mm (inches)
Aperture Size	37 x 70 (1.5 x 2.8 )	mm (inches)
Weight	0.8 (0.03)	g (oz)

Encapsulation	Polyester
Average Lifetime Flexions	3,000
*Average Outdoor Lifespan	6-12 Months

## OPERATIONAL

**STC - (Standard Test Conditions) 1,000W/m <sup>2</sup> , AM 1.5, 25°C Cell Temperature	
Temperature Departure of Isc	0.07%/K (3.6 mA/K)
Temperature Departure of Voc	-0.26%/K (-57 mV/K)
Temperature Departure of Pmax	-0.19%/K (-110.4 mW/K)
Temperature Departure of Imp	0.07%/K (2.4 mA/K)
Temperature Departure of Vmp	-0.24%/K (-41 mV/K)

## NOTES

- \*Average Outdoor Lifespan based on the absence of additional shielding or protection.
- During first 8-10 weeks of operation, electrical output may exceed specified ratings.
- Electrical specifications are based on measurements performed at \*\*STC after stabilization.
- Performance may vary from rated power due to temperature and/or spectral fluctuations.

REV.	MODIF.	DATE	DRAW	APPROVE	ECN. No.
V1.0	FIRST ISSUE	9/12/2013	F. Meitzen	R.Anastasi	

Part Name	SP4.2-37	中国语文 <a href="http://www.rourentaiyangneng.com">http://www.rourentaiyangneng.com</a>
		Deutsch <a href="http://www.flexiblesolarzellen.com">http://www.flexiblesolarzellen.com</a>
Part Number	F106	Español <a href="http://www.celdassolaresflexibles.com">http://www.celdassolaresflexibles.com</a>
		Française <a href="http://www.panneauxsolairesflexibles.com">http://www.panneauxsolairesflexibles.com</a>



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